Receipt date: 02/24/2006

| 11 | | | | | | | |
|---|---------------------|---------------|------|------------------------|-------------------------|---|--|
| IDS Form PTC/SB/08: Substitute for form 1449A/PTO | | | | Complete if Known | | | |
| | | | | Application Number | 10/550,961 | _ | |
| INF | ORMATION D | ISCLOSE | IRF | Filing Date | September 26, 2005 | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | First Named Inventor | AMBROSE, Christine | _ | |
| 314 | (IEMENI DI | AFFLICA | MA I | Art Unit | 1647 | _ | |
| | (Use as many sheets | as necessary) | | Examiner Name | Not Yet Assigned Bunner | | |
| Sheet | 1 | of | 4 | Attorney Docket Number | 08201.0039-00000 | _ | |

| Examiner Cite | | Document Number | Issue or | Name of Patentee or | Pages, Columns, Lines, Where | |
|---------------|------|--|--------------------------------|-----------------------------|---|--|
| Initials | No.1 | Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant Figures Appear | |
| | | 5,595,721 | 01/21/1997 | Kaminski et al. | | |
| | | 5,969,102 | 10/19/1999 | Bram et al. | | |
| | | 6,297,367 | 10/02/2001 | Tribouley | | |
| | | 6,316,222 | 11/13/2001 | Bram et al. | | |
| | | 6,403,770 | 06/11/2002 | Yu et al. | | |
| | | 6,475,986 | 11/05/2002 | Aggarwal | | |
| • | | 6,475,987 | 11/05/2002 | Shu | | |
| | | 6,541,224 | 04/01/2003 | Yu et al. | | |
| | | 6,551,795 | 04/22/2003 | Rubenfield et al. | | |
| | | 6,623,941 | 09/23/2003 | Ruben et al. | | |
| | | 6,689,579 | 02/10/2004 | Yu et al. | | |
| | | 2002-0037852 | 03/28/2002 | Browing et al. | | |
| | | 2002-0165156 | 11/07/2002 | Browing et al. | *************************************** | |
| | | 2002-0172674 | 11/21/2002 | Browing et al. | | |
| | | 2003-0023038 | 01/20/2003 | Rennert et al. | | |
| | | 2003-0082175 | 05/01/2003 | Schneider et al. | | |
| | | 2003-0092164 | 05/15/2003 | Gross et al. | | |
| | | 2003-0095967 | 05/22/2003 | MacKay et al. | | |
| | | 2003-0194743 | 10/16/2003 | Beltzer et al. | | |

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

| | FOREIGN PATENT DOCUMENTS | | | | | | |
|----------------------|--------------------------|---|--------------------------------|--|--|--------------------------|--|
| Examiner Initials | Cite No.1 | Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (# known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation ⁶ | |
| | | WO 97/33902 | 09/18/1997 | PCT | | | |
| | | WO 98/18921 | 05/07/1998 | PCT | | | |
| | | WO 98/27114 | 06/25/1998 | PCT | | | |
| | | WO 98/39361 | 09/11/1998 | PCT | | | |
| | | WO 98/55621 | 12/10/1998 | PCT | | | |
| | | WO 98/55620 | 12/10/1998 | PCT | | | |
| | | WO 99/04001 | 01/28/1999 | PCT | | | |
| | | WO 99/11791 | 03/11/1999 | PCT | | | |
| | | WO 99/12964 | 03/18/1999 | PCT | | | |
| | | WO 99/12965 | 03/18/1999 | PCT | | | |

Receipt date: 02/24/2006

Complete if Known IDS Form PTO/SB/08: Substitute for form 1449A/PTO 10/550.961 Application Number September 26, 2005 INFORMATION DISCLOSURE Filing Date First Named Inventor AMBROSE, Christine STATEMENT BY APPLICANT Art Unit 1647 (Use as many sheets as necessary) Not Yet Assigned Bunner Examiner Name Sheet 4 Attorney Docket Number 08201,0039-00000

| | FORE | IGN PATENT | | | | | |
|--------------------------|--|---|--|-------------|--|--|--|
| | WO 99/33980 | 07/08/1999 | PCT | | | | |
| | | 05/11/2000 | PCT | | | | |
| | WO 00/39295 | 07/06/2000 | PCT | | | | |
| | WO 00/40716 | 07/13/2000 | PCT | | | | |
| | WO 00/43032 | 07/27/2000 | PCT | | | | |
| | WO 00/50597 | 08/31/2000 | PCT | | | | |
| | WO 00/50633 | 08/31/2000 | PCT | | | | |
| | WO 00/58362 | 10/05/2000 | PCT | | | | |
| | WO 01/12812 | 02/22/2001 | PCT | | | | |
| | WO 01/24811 | 04/12/01 | PCT | | | | |
| · | WO 02/02641 | 01/10/2002 | PCT | | | | |
| - † | WO 02/18620 | 03/07/2002 | PCT | | | | |
| | WO 02/024909 | 03/28/2002 | PCT | | | | |
| 1 | WO 02/092620 | 11/21/2002 | PCT | | | | |
| - † | WO 02/38766 | 05/16/2002 | PCT | | | | |
| . + | WO 03/014294 | 02/20/2003 | PCT | | | | |
| 1 | WO 03/024991 | 03/27/2003 | PCT . | | | | |
| | WO 03/035846 | 05/01/2003 | PCT | | | | |
| | WO 03/055979 | 07/10/2003 | PCT | | | | |
| | WO 04/035735 | 04/29/2004 | PCT | | | | |
| 1 | WO 05/005462 | 01/20/2005 | PCT | | | | |
| | EP 0 869 180 A1 | 10/07/1998 | EPC | | | | |
| | | | | | | | |
| Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), dale, page(s), volume-issue number(s), publisher, city and/or country where publisherd. | | | | | | |
| | Database Accession No. Al250289, XP002206618 23 December 1998 | | | | | | |
| | Database Accession No. Z99716.4, XP002206619 14 December 1999 | | | | | | |
| | Do et al., "Attenuation of apoptosis underlies B Lymphocyte stimulator enhancement of humoral immune response," <i>J. Exp. Med.</i> 192(7):953-964 (2000) | | | | | | |
| | Domingues, H.M., "Rational design strategies to improve cytokine foldability and minimization of a functional motif: The IL-4 Case," Thesis University of Utrecht, p. 48, line 25 – p. 51, line 6, page 94; Euble III (1999). | | | | | | |
| | Cite | WO 99/33980 WO 00/26244 WO 00/36295 WO 00/40716 WO 00/43032 WO 00/50597 WO 00/50633 WO 00/50633 WO 00/50632 WO 01/12812 WO 01/24811 WO 02/02481 WO 02/024809 WO 02/024809 WO 02/024909 WO 02/024909 WO 02/024909 WO 02/024909 WO 02/02564 WO 03/025846 WO 03/035846 WO 03/055979 WO 03/035846 WO 03/055979 WO 04/035735 WO 05/005462 EP 0 869 180 A1 Cite | WO 99/33980 07/08/1999 WO 09/26244 05/11/2000 WO 00/26244 05/11/2000 WO 00/39295 07/08/2095 07/08/2095 WO 00/40716 07/13/2000 WO 00/40716 07/13/2000 WO 00/403032 07/27/2000 WO 00/50597 08/31/2000 WO 00/50593 08/31/2000 WO 00/50532 10/05/2000 WO 01/12812 02/22/2001 WO 01/28811 04/12/01 WO 02/02641 01/10/2002 WO 02/024809 03/28/2002 WO 02/024909 03/28/2002 WO 02/024909 03/28/2002 WO 02/024909 03/28/2002 WO 02/024909 03/28/2002 WO 03/035846 05/16/2002 WO 03/042991 03/27/2003 WO 03/055979 07/10/2003 WO 03/055979 07/10/2003 WO 03/055979 07/10/2003 WO 03/055979 07/10/2003 WO 03/055979 07/10/2005 EP 0 869 180 A1 NON PATENT LITERAT Cite No. | WO 00/26244 | | | |

GenBank Accession No. AK008142, Published February 16, 2001 Gordon et al., "BAFF/BLyS receptor 3 comprises a minimal TNF receptor-like module that encodes a highly focused ligand-binding site," Biochemistry 42:5977-5983 (2003) Gras et al., "BCMAp: An integral membrane protein in the Golgi apparatus of human mature B lymphocytes," Int. Immunology 7(7):1093-1106 (1995) Gross et al., "TACI and BCMA are receptors for a TNF homologue implicated in B-Cell autoimmune disease," Nature, 404:995-999 (2000)

Receipt date: 02/24/2006

Complete if Known IDS Form PTO/SB/08: Substitute for form 1449A/PTO 10/550,961 Application Number INFORMATION DISCLOSURE Filing Date September 26, 2005 First Named Inventor AMBROSE, Christine STATEMENT BY APPLICANT Art Unit 1647 Not Yet Assigned Bunner (Use as many sheets as necessary) Examiner Name Sheet 4 Attomey Docket Number 08201.0039-00000

FOREIGN PATENT DOCUMENTS Hahne et al., "APRIL, a new ligand of the tumor necrosis family, stimulates tumor cell growth," J. Exp. Med 188(6):1185-1190 (1998)

| Kashii, Y. et al., "Constitutive expression and role of the family ligands in apoptotic killing of tumor cells by human NK cells," <i>J. Immunol.</i> 163:5358-66 (1999) |
|---|
| Kayagaki et al. "BAFF/BLyS receptor 3 binds the B Cell survival factor BAFF ligand through a discrete surface loop and promotes processing of NF- ₈ B2, " Immunity 10:515-524 (2002) |
| Khare et al., "The role of TALL-1 and APRIL in immune regulations," Trends Immunol. 22(2):61-63 (2001) |
| Khare et al., "Severe B cell hyperplasia and autoimmune disease in TALL-1 transgenic mice," PNAS 97(7):3370-3375 (2000) |
| Kwon et al., "Single amino acid substitutions of α ₁ - Antitrypsin that confer enhancement in thermal stability," <i>J. Biol. Chem.</i> , 269:9627-9631 (1994) |
| Laabi et al., "A BCMA gene, preferentially expressed during B lymphoid maturation, 13 bidirectionally transcribed," <i>Nucleic Acids Res.</i> 22(7):1147-1154 (1994) |
| Laabi et al., "The new gene, BCM, on chromosome 16 is fused to the interleukin 2 gene by a t(4;16)(q26,p13) translocation in a malignant T cell lymphoma," EMBO J. 11:3897-3904 (1992) |
| Mackay et al., "Mice transgenic for BAFF develop lymphocyte disorders along with autoimmune manifestations," <i>J. Exp. Med</i> 190(11):1697-1710 (1999) |
| Madry et al., "The characterization of murine BCMA gene defines it as a new member of the tumor necrosis factor receptor superfamily," Int. Immunol. 10(11):1693-1702 (1998) |
| Marsters et al., "Interaction of the TNF homologues BLyS and APRIL with the TNF receptor homologues BCMA and TACI," Curr. Biol., 10:785-788 (2000) |
| Moore et al., "BlyS, Member of the tumor necrosis factor family and B lymphocyte stimulator," Science 282:260-263 (1999) |
| Schein, C.H., "Production of soluble recombinant proteins in bacteria," Biolechnology, 7:1141-1149 (1989) |
| Schiemann et al., "An essential role for BAFF in the normal development of B Cells through a BCMA-independent pathway," Science, 293:2111-2114 (2001) |
| Schneider et al., "BAFF, a novel ligand of the tumor necrosis factor family, stimulates B cell growth," <i>J. Exp. Med.</i> , 189:1747-1756 (1999) |
| Shu et al., "TALL-1 is a novel member of the TNF family that is down-regulated by mitogens," J. Leukocyte Biol. 65:680-683 (1999) |
| Thompson et al., "BAFF binds to the tumor necrosis factor receptor-like molecute B Cell maturation antigen and is important for maintaining the peripheral B Cell population," J. Exp. Med., 192:129-135 (2000) |
| Thompson et al., "BAFF-R, a newly identified TNF Receptor that specifically interacts with BAFF," Science, 293:2108-2111 (2001) |
| von Bulow & Bram, "NT-AT activation induced by a CAML-interacting member of the tumor necrosis factor receptor superfamily," Science 278:138-141 (1997) |
| Waldschmidt et al., "Long Live the Mature B-Cell – A baffling mystery resolved," Science, 293:2012-2013 (2001) |
| Ward, P. and Mulligan, M. "Blocking of adhesion molecules in vivo as anti-imflammatory therapy," Ther. Immunol. 1:165-71 (1994) |
| Ware, C., "April and BAFF connect autoimmunity and cancer," J. Exp. Med. 192:F35-F37 (2000) |
| Wood et al., "Prolines and amyloidogenicity in fragments of the Alzheimer's peptide β/A4," Biochemistry, 34:724-730 (1995) |
| Wu et al., "Tumor Necrosis Factor (TNF) receptor superfamily member TACI is a high affinity receptor of TNF family members APRIL and BlyS," J. Biol. Chem. 275(45):35478-35485 (2000) |
| Yan et al., "Identification of a novel receptor for B Lymphocyte stimulator that is mutated in a mouse strain with severe B Cell deficiency," Curr. Biol., 11:1547-1552 (2001) |
| |

| IDS Form PTO/SB/08: Substitute for form 1449A/PTO | | | | C | omplete if Known |
|---|-----------------------------------|---------|-----|-----------------------|-------------------------|
| 100 101111 1011 | DESTRUCTION TO TO | | | Application Number | 10/550,961 |
| INF | ORMATION D | ISCLOSU | IRF | Filing Date | September 26, 2005 |
| | | | | First Named Inventor | AMBROSE, Christine |
| STATEMENT BY APPLICANT | | | | Art Unit | 1647 |
| | (Use as many sheets as necessary) | | | Examiner Name | Not Yet Assigned Bunner |
| Sheet | 4 | of | 4 | Attomey Docket Number | 08201.0039-00000 |

| Yu et al., "APRIL and TALL-1 and receptors BCMA and TACI: System for regulating humoral | |
|---|-----|
| immunity," Nature Immunology, 1:252-256 (2000) | - 1 |

/Bridget E. Bunner/

10/26/2008